TABLE 1

Conditions of Circumferential Surfaces of Cooling Rolls, Grooves and Ridges

	Average Width	Average Width	Average Depth	Average	Ratio of Projected
		of Ridge L ₂	of Groove La	Pitch L	Area of Grooves
	(_{mm})	(mm)	(mrl)	(m ⁿ)	(%)
Example 1	22.5	2.5	3.5	25.0	06
Example 2	20.0	40.0	3.0	40.0	50
Example 3	10.0	12.0	1.5	12.0	83
Example 4	27.0	90.0	8.0	90.0	30
Example 5	30.0	50.0	2.0	50.0	09
Example 6	28.0	0'89	5.3	68.0	41
Example 7	5.0	7.5	1.0	7.5	29
Example 8	9.5	15.0	2.5	15.0	63
Example 9	20.0	30.0	1,5	30.0	29
Comp.Ex.	•	4	,	•	ı

TABLE 2

Properties of Melt Spun Ribbons (Example 1 to 5)

		200				[
	Sample No.	Average	Ratio of Projected Area	Hatio of lotal	3	ă	xgm(DD)
	•	Thickness	ckness of Huge Dimples Area of Dimples	Area of Dimples	(kA/m)	E	(kJ/m³)
		(mm)	(%)	(%)			
Example 1	1	19	1.9	20	562	1.05	155
	2	19	1.5	18	564	1.04	154
	ဇ	20	2.2	23	999	1.02	150
	4	20	1.6	19	561	1.03	152
	5	20	2.1	22	559	1.03	153
Example 2	1	20	2.3	26	548	1,02	149
•	2	21	2.0	20	554	1.02	150
	3	22	2.2	23	546	1.00	145
	4	21	2.5	27	549	1.01	147
	5	21	2.2	22	550	1.01	148
Example 3		19	0.2	19	561	1.05	155
	2	18	0.1	12	570	1.06	162
	8	19	0.2	18	562	1.05	156
	4	19	0.2	16	563	1.05	158
-	2	18	0.1	14	268	1.06	160
Example 4	-	19	3.5	31	538	0.99	144
_	2	20	3,8	34	553	0.98	142
	က	25	3.6	32	542	96.0	140
	4	24	3.7	35	540	96.0	139
	5	21	3.7	32	550	0.97	141
Example 5		19	2.2	25	558	1.03	152
		22	2.1	23	552	1.02	151
	က	20	1.7	19	563	1.05	156
	4	27	1.9	20	560	1.04	154
	5	20	2.0	21	558	1.04	153

TABLE 3

Properties of Melt Spun Ribbons (Example 6 to 9, Comp. Ex.)

San	Sample No.	Average	Average Ratio of Projected Area Ratio of Total Hc.	Ratio of Total	Ho	Br.	(ВН)
		Thickness (u.m.)	of Huge Dimples	Area of Dimples	(kA/m)	E	(kJ/m³)
-	ı	23	2.1	25	557	1 01	148
2		22	1.7	20	555	1.03	151
3		21	2.0	23	554	1.02	149
4	_	22	1.5	24	552	1.02	150
ស	-	23	1.8	22	548	1.01	147
-	-	18	0.3	13	570	1.06	160
2	-	19	0.5	20	569	1.06	159
3	1	18	0.2	11	572	1.07	162
4		20	0.3	15	564	1.04	157
Ŋ		19	0.4	18	292	1.05	158
		21	0.8	18	552	4.0	153
2	\neg	20	0.7	17	556	1.03	152
3	-	19	0.9	16	562	1.05	156
4		21	1.2	21	555	1.03	151
ည	_	19	1.0	19	560	1.04	154
-		22	2.3	26	557	1.01	148
2		20	2.0	24	562	1.02	150
က	_	21	1.8	20	560	1.01	149
4		21	2.1	25	559	1.03	152
သ		19	1.9	23	564	1.02	151
		19	15.5	43	330	0.81	73
2	\neg	32	18.0	46	280	0.67	57
3	_	50	22.3	53	303	0.77	69
4		25	19.0	49	319	0.79	70
ល		17	25.5	58	295	0.75	09

TABLE 4

Mean Crystal Grain Sizes of Magnetic Powders and Magnetic Properties of Bonded Magnets

	Mean Crystal Grain Size (nm)	H _{CJ} (KA/m)	'nЕ	(BH) _{max} (kJ/m³)
Example 1	29	562	0.87	110
Example 2	35	550	0.84	103
Example 3	25	565	0.89	117
Example 4	40	543	0.82	98
Example 5	30	560	0.87	108
Example 6	34	553	0.84	104
Example 7	27	568	0.88	116
Example 8	32	558	0.86	107
Example 9	33	561	0.86	105
Comp.Ex.	29	300	0.68	49